16(1) SSV/20-126-3-2/69 Glushko, V. P. AU THOR: On Potential Type Operators and Certain Imbedding Theorems TITLE: PERIODICAL: Doklady Akademii nauk 333R, 1959, Vol 126, Nr 3, pp 467-470 (USSR) Let  $\mathbb{R}_n^+$  be an n-dimensional Suclidean space; let  $d\mathbb{Z}_2$  be a depair in ABSTRACT: the  $R_n^{''};$  let  $\Omega_s$  be the intersection of  $\Omega_t$  and  $R_s$  . Let  $L_{p_s,k/\Sigma_t}$  be the set of functions  $\varphi(q)$  for which  $\|\varphi\|_{F}^{F}$   $\|\varphi\|_{p,k(M)}$  $= \iint \varphi(Q) \int_{\mathbb{R}^n} \varphi(Q) dQ < \infty , \text{ where M is a fixed point of the } \mathbb{E}_n;$  Q is a variable point of the  $d\Omega_1$ ;  $\pi(M,Q)$  is the dir and of M and Q in  $\mathbb{R}_n$  and  $-\frac{n}{p} < k < \frac{n}{p}, \ (\frac{1}{p} - \frac{1}{p^{\frac{1}{2}}} + 1)$ . Let  $L^3_{\mathbb{R}_p} < (M)$  be the set of functions for which  $\|\varphi\|_{p_{1},L(M)}^{p_{1}}=\int_{\mathbb{R}^{2}}|\varphi(q)|^{T_{2}^{p_{1}}(p)}(u,q)\mathrm{d}q<\infty$ where  $-\frac{n}{n^3} < k < \frac{s}{p}$ The author investigates the properties of the operator Card 1/3

On Potential Type Operators and Certain Imbedding Theorems

$$A_{\mathbf{A}}\varphi(\mathbf{P}) = \int_{\Omega} \varphi(\mathbf{Q}) \mathbf{r}^{-\frac{1}{2}}(\mathbf{P},\mathbf{Q}) d\mathbf{Q}.$$
 With the aid of a generalized Hardy-

Littlewood inequation the author proves:

Theorem: Let p>1;  $s\leqslant n$ ;  $-\frac{n}{p} < k < \frac{s}{p}$ ;  $\frac{n}{p} + k \leqslant \lambda < \frac{n}{p} + \frac{s}{p}$ . Then

A<sub>\(\text{\lambda}\)</sub> acts from L<sub>p,k(M)</sub> to L<sub>q,h(M)</sub>, where h is an arbitrary number satisfying the inequation k< h \(\left k \div \frac{n}{p^1} + \frac{s}{p} - \text{\lambda}\) while

$$q = \frac{sp}{n - (n - \lambda - h + k)p}$$

Here

$$\| \Delta_{\chi \varphi} \|_{L_{q,h}^{s}(M)} \leq \kappa_{1} \| \varphi \|_{L_{p,k}(M)},$$

where  $K_{\frac{1}{4}}$  = const is taken from the above mentioned generalized inequation.

Card 2/3

On Potential Type Operators and Certain

307/20-126-3-2/69

Imbedding Theorems

There are several conclusions and two further similar theorems completing the results of S.L.Sobolev, V.P.Il'in, and Kh.I. Smolitskiy. The author thanks S.G.Kreyn for the leading of the investigations.

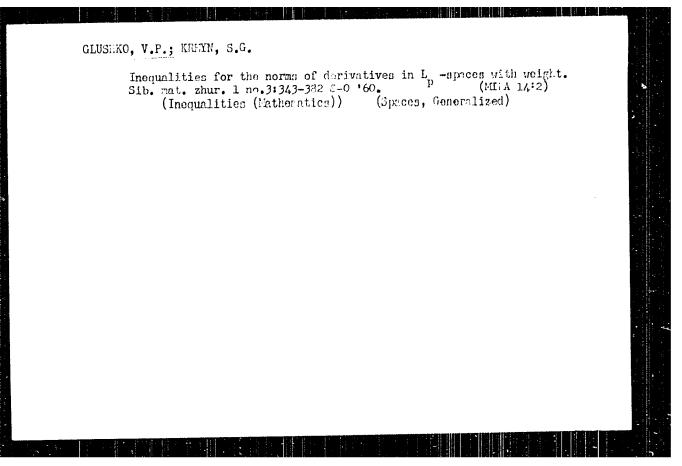
There are 7 references, 4 of which are Soviet, 2 German, and

1 American.

PRESENTED: February 16, 1959, by N.N.Bogolyubov, Academician

SUBMITTED: February 12, 1959

Card 3/3



GLUSHKO, V. F.

Cand Phys-Math Sci - (diss) "Integral and differential operators in Lp spaces with weight." Khar'kov, 1961. 16 pp; (Finistry of Higher and Secondary Specialist Aducation Ukrainian SSA, Khar'kov Order of Labor Red Hanner State Univ Imeri A. E. Gor'kiy); 120 copies; price not given; bibliography or to 15-16 (25 entries); (KL, 7-61sup, 218)

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26455 \$/140/61/000/005/00 /009 0111/0333

AUTHOR:

Glushko, V. P.

TITLE:

Some properties of operators of potential type and

their applications

PERIODICAL: Izvestiya vysshikh achebnykh ravedeniy Matematika.

no. 3, 1961, 3-13

TEXT: The author proves theorems on operators of potential type and embedding theorems in spaces of functions which are summable in a certain power p with a weight being a power of the distance from a point. A report on the results was given at the conference on functional analysis at Odessa in 1958.

The author considers functions which are defined in a domain  $\Omega_{\rm c}$  of the Euclidean  $R_n$ . Let  $\Omega_{\bullet_q}$  denote the intersection of  $\mathcal{K}_{\bullet}$  with the subspace  $R_s$ . Let  $L_{p,k}(\mathtt{M})$  denote the set of the functions  $\mathcal{F}(\mathtt{Q})$  for which

$$\|\varphi\|_{\mathbf{L}^{\mathbf{p}},\mathbf{k}(\mathbf{M})}^{\mathbf{p}} = \int_{\mathbf{Q}_{+}} |\varphi(\mathbf{Q})|^{\mathbf{p}_{r}+\mathbf{k}\cdot\mathbf{p}}(\mathbf{M},\mathbf{Q})d\mathbf{Q} < \infty \quad (1)$$

Card 1/J

CIA-RDP86-00513R000515420016-7" APPROVED FOR RELEASE: 09/24/2001

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$$-\frac{n}{p!} < k < \frac{n}{p} (\frac{1}{p} + \frac{1}{p!} = 1)$$

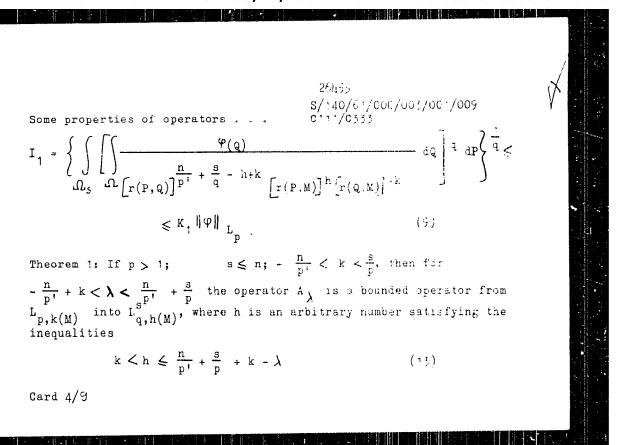
r(M,Q) -- distance of M and Q in  $R_{n}$  . Let  $L_{T/K^{\prime}(M)}^{\sharp}$  be the space of functions for which

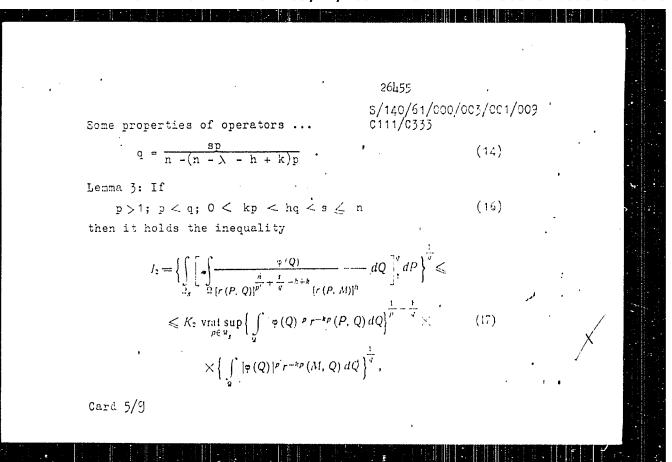
$$\left|\left\langle \varphi\right|\right\rangle_{L_{p,k}^{s}(M)}^{p} = \int_{\Omega_{s}} \left|\left\langle Q\right|\right|^{p} r^{-kp}(M,Q) dQ < \infty$$
 (2)

where M  $\in$  R  $_n$  and  $-\frac{n}{p^{\,\prime}}$  < k <  $\frac{s}{p}$  .

The author investigates properties of the operators

Card 2/9  $A_{\lambda} \varphi (P) = \int_{\Lambda} \varphi(Q) r^{-\lambda} (P,Q) dQ$ 





26455

S/140/61/000/003/001/009

Some properties of operators . . .

where  $K_2 = K_2(n,p,k,s,q,h)$  is a constant which does not depend on  $\varphi,M$  and  $\Omega$ .

Let  $L_{p,k}$  be the space of those functions which belong to the spaces  $L_{p,k}(\mathbb{N})$  for almost all  $\mathbb{M}\in\mathbb{N}$ , and for which

$$\|\phi\|_{L_{p,k}} = \underset{\mathbb{M} \in \mathbb{R}_{>}}{\operatorname{vrai}} \sup \|\phi\|_{L_{p,k}(\mathbb{M})} < \infty \ .$$

Theorem 1': A is a bounded operator from  $L_{p\,,\,k}$  in  $L_{q\,,\,h}^{s}$  under the assumptions of theorem 1.

Theorem 2: Let

$$p > 1$$
;  $s \le n$ ;  $0 < k < \frac{s}{p}$ . (20)

If  $\frac{n}{p}$ , + k <  $\lambda < \frac{n}{p'}$  +  $\frac{s}{p}$ , then A is a bounded operator from L p,k Card  $6/\Im$ 

26455 \$/140/61/000/003/001/009

Some properties of operators ...

2.) If  $1 + k - \frac{n}{p} < m < 1 - \frac{n-s}{p}$ , then  $W_{p,k}^{(1)}$  is embedded in  $W_{q,h}^{(n),s}$ , where

$$q = \frac{sp}{n-(1+k-m-h)p}$$

where h is an arbitrary number satisfying the inequalities

$$k \frac{n-(1+k-m)p}{s-kp} < h \le 1 + k - m - \frac{n-s}{p}$$

If, however,  $m = 1 + k - \frac{n}{p}$ , then  $W_{p,k}^{(1)} \subset W_{q,h}^{(m),s}$  with every n > 0 and  $q < \frac{s}{h} (q \geqslant p)$ .

The author mentions S. L. Sobolev, V. P. Il'in, Kh. L. Smolitskiy and V. K. Zakharov. He thanks S. G. Kreyn for assistance.

There are 11 Soviet-bloc and 3 non-Soviet-bloc references. The three references to English-language publications read as follows:

Card 8/9

26455 \$/140/61/000/003/001/009 C111/C333

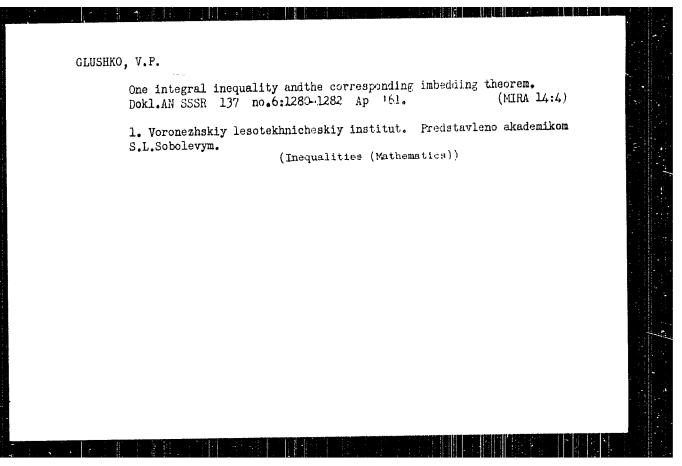
L. Nirenberg, Estimates and Existence of Solutions of Elliptic Equations, Communs Pure and Appl. Math., vol. 9, pp. 509-530, 1956; H. H. Hardy, J. E. Littlewood, Some properties of fractional integrals, Math. Z., B. 27, S. 565-606, 1928; H. H. Hardy, J. E. Littlewood, G. Polya, Neravenstva (Inequalities), IL, M., 1948.

ASSOCIATION: Voronezhskiy lesotekhnicheskiy institut (Voronezh Forestry-Engineering Institute)

SUBMITTED: February 10, 1959

Some properties of operators . . .

Card 9/9



S/044/62/000/012/012/049 A060/A000

AUTHOR:

Glushko, V.P.

TITLE:

On equations of the elliptic type which degenerate on manifolds

PERIODICAL: Referativnyy zhurnal, Matematika, no. 12, 1962, 50 - 51, abstract 12B231 (In collection "Funktsional'n. analiz i yego primeneniye",

Baku, AN AzerbSSR, 1961, 36 - 45)

TEXT: Let  $x=(x_1,\ldots,x_n)$  be a point of the euclidean space  $R_n$ , Q an open bounded region with simple boundary  $\Gamma$ ,  $R_m=\{x:x_{m+1}=\ldots=x_n=0\}$  (0  $\leqslant$ 

 $\leq m \leq n-1), \ \overline{\mathbb{Q}} = \mathbb{Q} \bigcup \Gamma, \ M = \overline{\mathbb{Q}} \bigcap R_m, \ r = \sqrt{x_{m+1}^2 + \ldots + x_n^2} \ . \ L_{p, \ k(R_m)}$  notes the space of functions for which the following norm

 $\|u\|_{L_p,\,k(R_m)}=\Big(\int\limits_{\mathbb{R}^n}|u|(x)|^p\,r^{-kp}\,dx\Big)^{1/p}<\infty$  is finite, where p>1 and  $-\infty< k<+\infty$ .  $D^Su,\ 0\leq s\leq 1,$  denotes the square root of the sum of the squares of all the partial derivatives of the order s of

Card 1/3

S/044/62/000/012/012/049 A060/A000

On equations of the elliptic type which ....

Card 2/3

the function u(x). It is assumed that the function u(x) is continuously differentiable 1 times in  $\Omega$ , 1 - 1 times continuously differentiable in  $\overline{\Omega}$ /M, and on  $\Gamma$ /M the function itself and all its normal derivatives are equal to zero. Moreover, it is assumed that the function u(x) satisfies certain conditions on M. Then for any number k, other than

there holds the inequality  $\| D^{su} \|_{L_{p,1}+k-s(R_m)} \le c \| D^{lu} \|_{L_{p,k}(R_m)}$ . Now if k takes values (1) and the region Q is sufficiently small, than for any  $\varepsilon > 0$   $\| \| \ln r \|^{-1-\varepsilon} \| D^{su} \|_{L_{p,1}+k-s(R_m)} \le c \| D^{lu} \|_{L_{p,k}(R_m)}$ . Every set of functions u(x) has a bounded norm  $\| D^{lu} \|_{L_{p,k}(R_m)}$ ,  $-\infty \le k \le +\infty$ , and has a compact norm  $\| D^{lu} \|_{L_{p,h}(R_m)}$ , where  $0 \le t \le 1$  and  $h \le 1+k-t$ . Certain precisions and generalizations of the propositions here formulated are indicated. The applications

Cn equations of the elliptic type which .... S/044/62/000/012/012/049
cation of these theorems to the theory of elliptic equations has been published
by the author (HZhMat. 1960, 10329).

G.N. Yakovlev

[Abstracter's note: Complete translation]

Regions stellate with respect to a sphere. Dokl. AN SSSR. 144, no.6:1215-1216 Je 62. (MTEL 15:6)	
1. Voronezhskiy lesotekhnicheskiy institut. Poedstavleno akad. S.L.Sobolevym. (Topology)	

GLUSHKO, V.P.

Existence and uniqueness of the solutions to certain boundary value problems for degenerate elliptic equations of the second order. Dokl. AN SSSR 163 no.1:22-25 J1 '65. (MIRA 18:7)

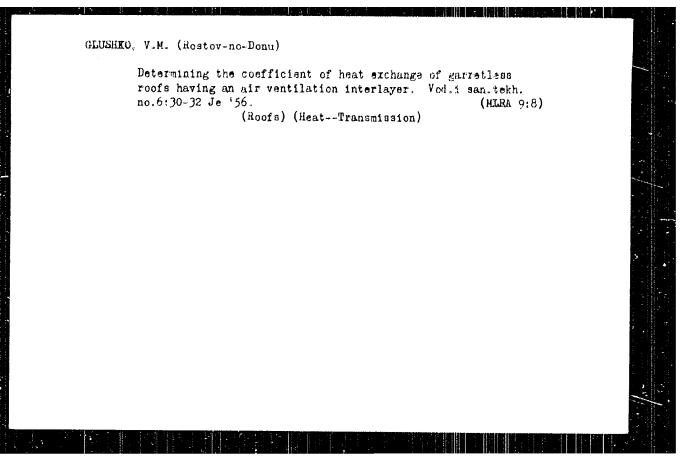
1. Voronezhekiy gosudaratvennyy universitet. Submitted December 28, 1964.

GLUSHKO, V.S., inzh.

"Material and technical equipment supply of industrial enterprises at economic councils" by N.V. Ivanov, N.S. Maliutin, A.I. Fleishman. Reviewed by V.S.Glushko. Vest.mashinostr. 43 no.3:86 Nr 163. (MINA 16:3)

(Ivanov, N.V.) (Maliutin, N.S.)

(Fleishman, A.L.)



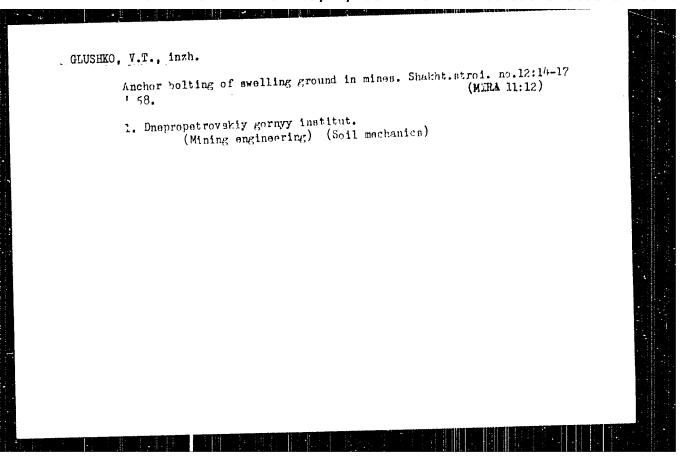
HELAYENKO, F.A., prof., doktor tekhn.nauk; YERZHANOV, Zh.S., kand.tekhn.nauk;
GLUSHKO, V.T., inzh.; BERLIN, Yu.D., inzh.

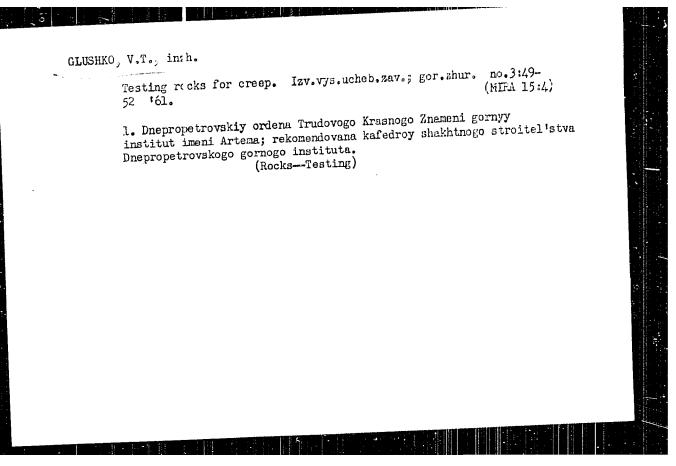
Some preliminary results of studying physical and mechanical properties of Krivoy Rog rocks and methods of testing them. Nauch. dokl. vys. shkoly; gor. delo no.3:62-69 '58.

(MIRA 11:9)

1. Predstavlena kafedroy shakhtnogo stroitel'stva Dnepropetrovskogo gornogo instituta im.Artema.

(Krivoy Rog--Rocks--Testing)

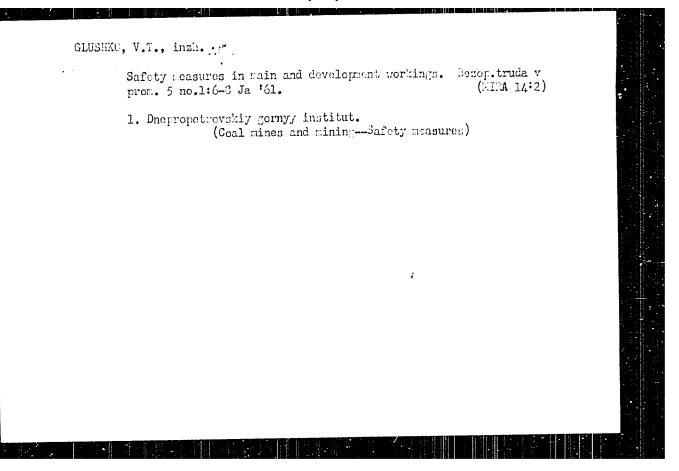


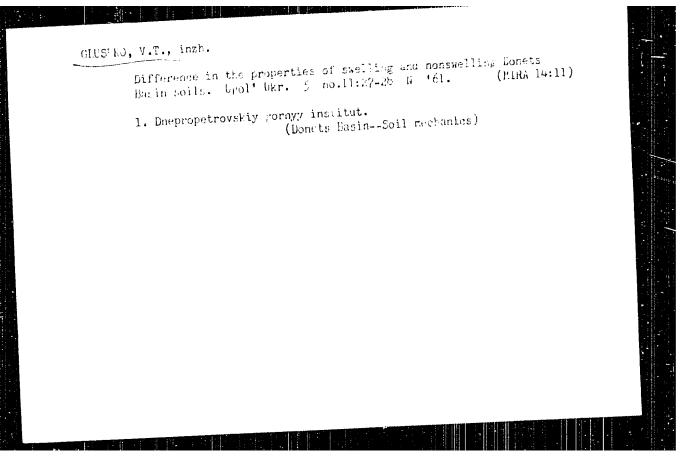


BELAYENKO, F.A., prof.; GLUSHKO, V.T., inzh.

Investigating rock pressure on ring supports in level workings by means of centrifugal modeling. Izv.vys.ucheb.zav.; gor. zhur. no.6:32-36 '60. (MIM 14:5)

1. Dnepropetrovskiy gornyy institut imeni Artema. Rekomendovana kafedroy shakhinogo stroitel'stva. (Rock pressure--Models) (Mine timbering)





Measuring the rock pressure on ring supports. Ugol' Ukr.
6 no.2:16-17 F '62. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut.
(Mine timbering)
(Rock pressure—Measurement)

GLUSHKO, V.T., kand.tekhn.nauk

Is a support with limited yield advantageous? Ugol' Ukr. 7
no.11:18-19 N '63. (MIRA 17:4)

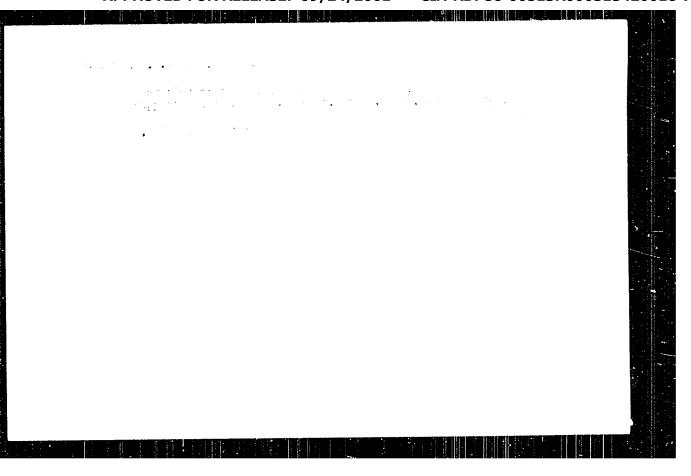
1. Ctdeleniye geotekhnicheskoy mekhaniki AN UkrSSR.

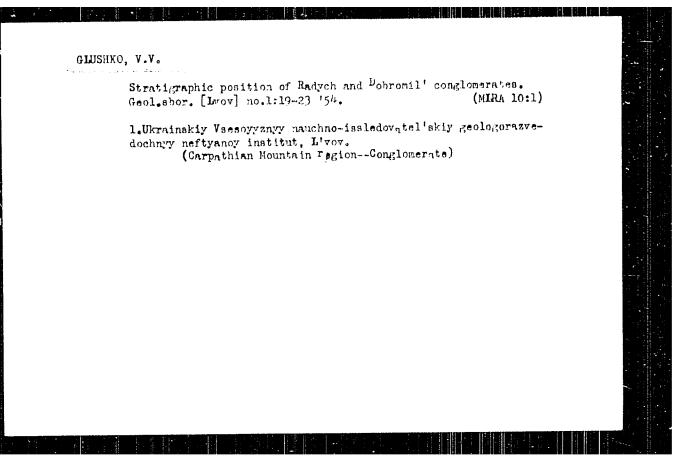
GLUSHKO, V.T.; PROEOPERKO, S.P.

Testing nonmotallic materials for stress-rupture strength and creep under undaxtal compression. Zav. lab. 30 no.c4744-746°04 (MIRA 17:3)

1. Filial institus sekhaniki AN UkrSSR i Dnepropatrovsky garnyy institut.

BELAYERS, E.V., on T. SEPURES, a T. Devil Trans. The Trans. The sepures of more presented to the following of more presented to the effects of stopping presented to the control of the process of more presented to the control of the process of more presented to the control of the control of





GIUSHKO, V.V., PISHVANOVA, L.S.

Stratigraphy of lower Tortonian deposits of the Carpathian frontal fault. Geol.sbor.[Lwow] no.1:30-36 '54. (MIRA 10:1)

1. Vacaoyuznyy nauthon-isaledovatel'skiy geologo-razwedochnyy neftyanoy institut, L'vov. (Garpathian Mountain region-Geology, Stratigraphic)

SANDLER, Ya.M.; GLUSHKO, V.V.

Folded Silurian in the northeastern regions of the L'vov Province.

Dokl. AN SSSR 103 no.4:685-688 Ag '55. (MLRA 3:11)

1. Ukrainskoye otdeleniye Vsesoyuznogo geologo-razvedochnogo neftyanogo instituta. Predstavleno akademikom S.I.Mironovyn

(Lvov Province--Geology, Stratigraphic)

SUBBOTINA, N.N.; GLUSHKO, V.Y.; PISHYANOVA, L.S.

Age of the lower Vorotyshchensk series in the outer Precarpathian depression. Dokl. AN SSSR 104 no.4:605-607 0 '55. (MIRA 9:2)

1.Predstavleno akademikom S.I.Mironovym. (Carpathian Mountain region--Geology, Stratigraphic)

15-57-7-10036

Translation from: Referativnyy zhurnal, Geologiya, 1957, Kr 7,

pp 190-191 (USCR)

AUTHOR:

Glushko, V. V.

TITLE:

Cutline of the Geologic History of the Cis-Carpathian

Marginal Downwarp (Ocherk geologicheskey istorii

Fredkarpatskogo krayevogo progiba)

PERIODICAL:

Tr. Vses. n.-i. in-ta galurgii, 1950, Nr 32, pp 111-143

ABSTRACT:

The author describes the principal stages of the development of the cis-Carpathian downwarp in light of new data obtained from recent exploratory drilling. He notes the inaccuracy in a number of views expressed in the earlier published reports of A. Ye. Mikhaylov. A system of folds developed in the lower Faleozoic, bordering the Russian platform on the southwest. The Old Red Sandstone (Devonian) and coal-bearing beds (Carboniferous) accumulated during the upper Faleozoic

Card 1/5

15-57-7-10036

Outline of the Geologic History (Cont.)

to the southwest of the mountains which formed the Caledonian system, in the region of the present-day Keletsko-bandomir Mountains in the northwestern part of the cis-Carpathian and Carpathian region. The southcastern part of the downwarp (region of Pokut'ye) remained submerged until the Helvetian emergence. At the end of the upper Faleozoic, the western part of the present Ukraine was uplifted. The Hercynian mountains were formed where the Carpathians and a great part of the cis-Carpathian region lie now. The cis-Keletsko-Sandomir downwarp began to form in the Jurassic. The upper part of the period is represented by lagoonal facies (gypseous variegated clays with anhydrite). A great part of the area of the Eastern Carpathians was dry land in the Jurassic, dividing the downwarp from the Penine geosyncline. The end of the Jurassic and the beginning of the Cretaceous were marked by extensive uplifts, which brought to the surface the southwestern edge of the Russian platform and the northwest part of the cis-Keletsko-Sandomir downwarp. This region was again depressed in the late Card 2/5

#### "APPROVED FOR RELEASE: 09/24/2001 CI

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15-57-7-16036

Outline of the Geologic History (Cont )

Cretaceous, particularly in the northeast—between brasnopurna and Kalush, from the Jurassic to the early Miccene, there lay islands, composed of intensively metamorphosed schists of lower Paleozoic rocks, which were originally pebtle-cobble conglomerates. Sediments accumulated without interruption during the Faleogene in the Carpathian geosyncline. The inner zone of the cis-Carpathian downwarp was uplifted in the middle Oligocene, and this event led to the withdrawal of the Menilite sea in a southwesterly direction and to the absence in this inner zone of the Lopyanki and upper Menilite series. In Folyanitsa time the Oligocene sea transgressed to the northeast, and this event represents the beginning of the cis-Carpathian downwarp. Synchronously with the Folyanitsa transgression, the Carpathians began to rise slowly. As a consequence of this, by the beginning of early Vorotyshcha time, a narrow half-closed basin was formed at the site of the present inner zone. Intense folding took place in the Carpathians at the end of the Oligocene. The Paleozote folded structures and the Card 3/5

15-57-7-16036

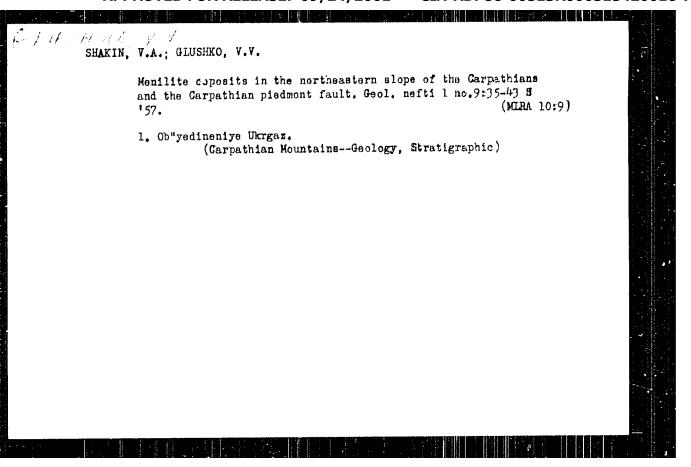
Outline of the Geologic distory (Cont..)

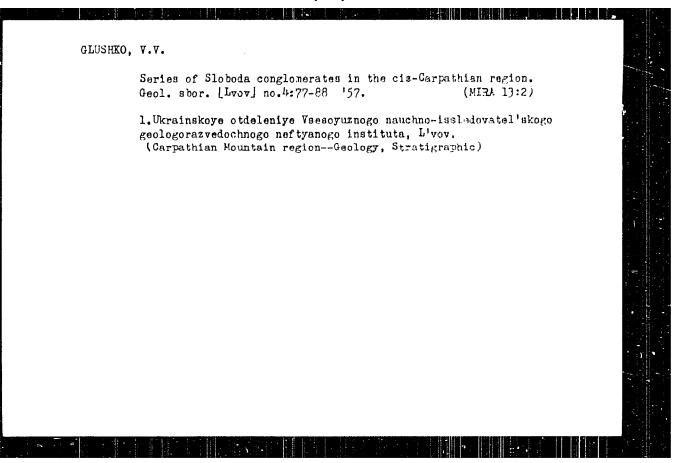
Carpathians were aplifted simultaneously at the beginning of the Miocene. Active denudation of the Carpathians and the Berdynian and Caledonian mountains led to the accumulation of the Sloboda and Truskavets conglomerates. This region was leveled to a considerable extent by the beginning of late Vorotyshcha time. Sandy clays of the Dobrotov series and extremely saliferous clays accumulated in the downwarp. Small uplifts of the Carpathians and the Hercynian structures occurred in Stebnik time. The downwarp was intensely depressed at the end of Stebnik time, and the Paleozoic structures were buried. In Balichskiy time the region of greatest submergence shifted to the northwest of the downwarp. The present-day outer zone and the adjacent parts of the Russian platform were involved in the submergence in early Tortonian time. The transgression of early Tortonian time was replaced by regression in late Tortonian time, after which the sea transgressed again, forming gypsum and anhydrite on the platform and in the outer zone, but the Dobromil and Radych conglomerates were deposited at Skiba Card 4/5

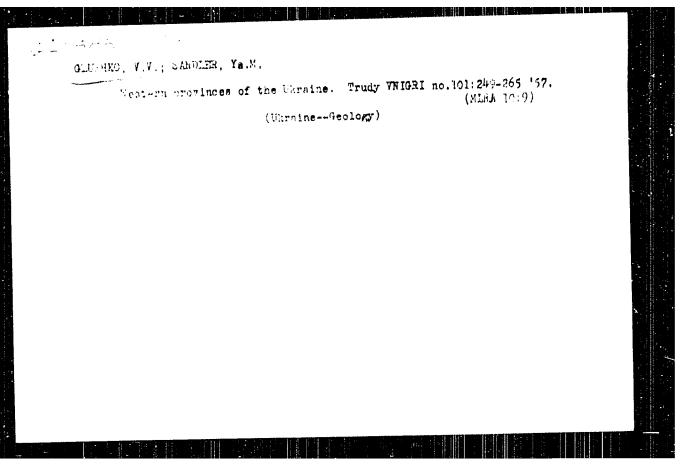
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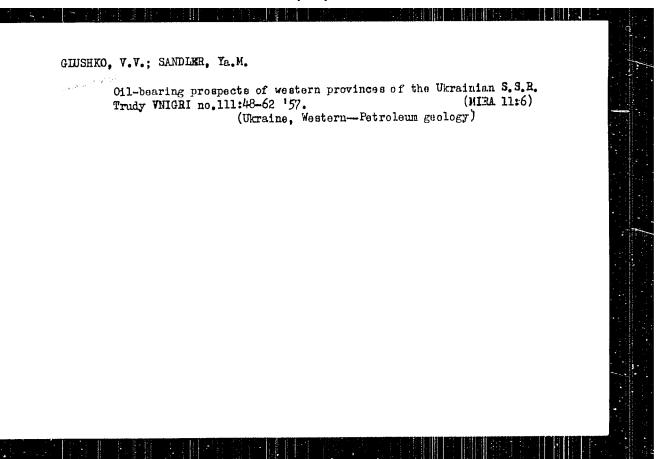
Outline of the Geologic History (Cont.)

and in the inner zone. A new intense submergence of the downwarp occurred in Galician time; this downwarp was deepest at the northwestern outer zone. The vigorous uplift of the Carpathians and cis-Carpathian region at the end of Galician time culminated in middle Sarmatian folding. Thus, at the base in the northwestern part of the inner zone Hercynian structures are found, but on the southeastern part Caledonian folding occurs. The most deeply depressed northwestern part of the outer zone and the central part of the inner zone formed in the Jurassic cis-Keletsko-Sandomir downwarp. The distribution of facies and thickness of the different formations is associated with this downwarp. The greatest magnitude of overthrusting of the inner zone over the outer amounts to 15 km in the region of Stryy. On the northwest and southeast of Stryy the displacement is but 3 to 5 km, reflecting the structure at the base of the downwarp. S. M. Korenevskiy Card 5/5







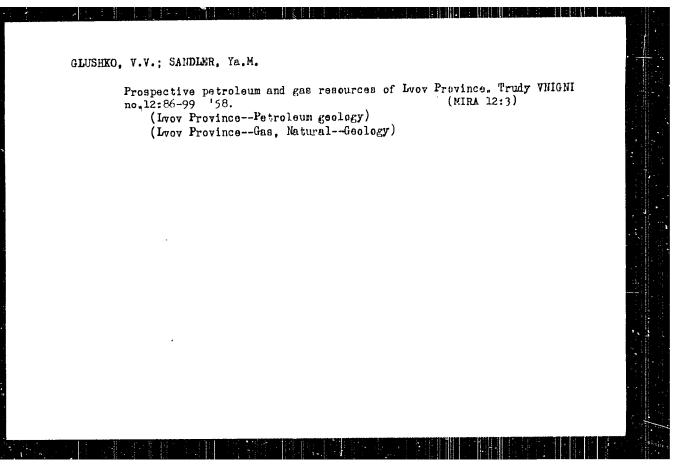


GLUSHKO, V.V.,; KLITOCHENKO, I.F.,; MAKSIMOV, S.P.

Comparative estimation of cil and gas notantialn of the Ukrainan S.S.R. Geol. nefti Supplement to no. 7:21-73 15R. (MIRA 11:8)

(Ukraina--Petroleum gaelogy)

(Ukraina--Gas, Matural--Geology)



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3(5)

PHASE I BOOK EXPLOITATION

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Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut

Voprosy poiskov, razvedki i dobychi nefti i gaza na territorii USSR; doklady na vyyezdnoy sessii uchenykh sovetov VNIGNI i VNII, prokhodivshey v g. L'vove v maye 1957 g. (Problems in the Exploration and Froduction of Gil and Gas in the Ukrainian SSR; Reports Presented at a Session of the Scientific Councils of the All-Union Petroleum Scientific Research Institute for Geological Survey and the All-Union Scientific Research Institute, in Lyov, May 1957) Moscow, Obstoptekhizdat, 1959. 282 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Ministerstvo geologii i okhrany nedr.

Eds.: I. G. Baranov, V. V. Glushko, and A. S. Muromtsev; Executive Eds.: S. M. Yungans, and A. I. Zaretskaya; Tech Ed.: I. G. Fedotova.

PURPOSE: This book is intended for petroleum geologists and Ukrainian area specialists.

COVERAGE: This book contains 27 reports originally read at a meeting of the scientific councils of the VNIGNI (All-Union Petroleum Scientific Research Institute for Geological Survey), the VNII (All-Union Scientific Research Card 1/7

Problems in the Exploration (Cont.)

sov, 2682

Institute), the WHITMAZ, Ukrneft', Ukrmaz, Ukrvostoknefterazvedka, Ukrnefterazvedka, and Ukrneftegeofizika held in L'vov in May, 1977. The papers deal with the petroleum geology of the Emepr-Donets depression, the Carpathians, Ciscarpathia, the southwestern fringe of the Russian Platform, and the northern Black Sea area. Particular attention is given to describing the geological features of those regions most likely to bear oil. Other articles discuss oil production techniques and ways of increasing drilling speed in deep wells. No personalities are mentioned. References accompany individual articles.

TABLE OF CONTENTS:

From the Editor

Klitochenko, T. F. Results of Geological Oil and Gas Exploration in the Ukrainian SSR in 1956 and the Directives for 1957-1950.

Glushko, V. V., and A. S. Muromtsev. Results of the Scientific Research Work of the UkrVNTGNI (Ukrainian Branch of the All-Union Geological Scientific Research Institute)

Polev, P. V. Prospects of Exploring and Increasing Gas Resources in the UkrSSR  $$\rm 2$  Card  $2/\sqrt{}$ 

- 100 - 124 - 14 - 14 - 14 - 14 - 14 - 14 - 1		
Problems in the Exploration (Cont.)	sov/2682	
Luginin, N. A. Methods and Results of Geological Prand Cas in the Western Regions of the UkrSSR (1945-1	rospecting for 011 1956) 33	
Antipov, V. I. Geological Results of Geophysical Starpat'ye (Ciscarpathia) and Within the Southwestern Russian Platform	urveys in Pred- 1 Rim of the 46	
Dikenshteyn, G.Kh. The Tectonics and Gas and Oil Po the Western Part of the Russian Platform	ossibilities in 59	
Khizhmyakov, A. V. Basic Tectonic Features of the V Podol'skoye End of the Russian Platform	Volyn 69	
Vysotskiy, I. V. Fundamentals of the Geological Str Oil-bearing Possibilities of the Southern Part of t Depression	ructure and the Ciscarpathian 74	
Glushko, V. V. Basic Tectonic Features of the Ukrai Rumanian Carpathians and Ciscarpathia	n <b>ia</b> n and 95	
Card 3/7		

Problems in the Exploration (Cont.)	sov/2682	
Safarov, I. P. Differentiating the Productive Series of Dolina Deposit	f the 106	•
Shakin, V. A. Stratigraphic Differentiation and Correlation Oligocene Formation of the Eastern Carpathians	ation of 116	
Khokhlov, P. S. Characteristic Features of the Geologic of the Dnepr-Donets Depression and the Northern Fringes Donbass		
Baranov, I. G., I. F. Klitochenko, A. A. Martynov, A. S and N. A. Samborskiy. Gas and Oil Possibilities of the Formations of the Southeastern Part of Dnepr-Donets Dep	Devonian	
Martynov, A. A., and N.A. Samborskiy, S.Ye. Cherpak. Or Possibilities in the Devonian Formations of the Kolaydin (Southwestern Edge of the Dnepr-Donets Depression)		
Card 4/7		

Problems in the Exploration (Cont.) 90V/268	32	
Zabolotnyy, F. D. Basic Geological Results of the Geophysical Investigations Carried Out in 1956 in the Dnepr-Donets Depression	165	
Stukalov, K. V. The State of Oil Production in the Ukrainian Oil Industry and Ways of Increasing It	173	
Sinitsina, N. K., and A. A. Leshchinskiy, Y. A. Sinitsin. General Layout and Analysis of the State of Exploitation of the Dolina Oil Pool	181	
Rozenberg, M. D. Methods of Hydrodynamic Computations for the Exploitation of Oilpools Under a Dissolved Gas Regime and the Displacement of Gas-charged Petroleum by Water	- 192	
Chekalyuk, E. B. Hydrodynamic Methods of Oil Well Testing in the Ukrainian SSR	205	
Card 5/7		

Problems in the Exploration (Cont.)	sov/2682	
Snarskiy, A. N. Thermal Methods of Activating an Oil Bed to Increase the Production of Petroleum	in Order 216	į
Oganov, K. A. Results of Oilfield Experience in Thermally Activating an Oil-bearing Bed and Ways of Further Development of This Method	ent 223	
Stepanchikov, Ye. A. Industrial Experience in Deparaffinia Bottom Hole Zone by Means of Bottom Hole Heater	zing the 232	
Makovskiy, S. A. Deparaffinization of the Bottom Hole Zone Wells by Means of PPU-2	e of 011 238	
Lesik, N. P. Experimental Results of Hydraulic Fracturing Formations in the Oil Industry in the USSR and USA	; of 244	
Postnikov, V. G. Physical Properties and Oil Exploitation in Fissured Reservoir Rock (based on foreign sources)	Practice 257	
Card 6/7		

Problems in the Exploration (Cont.)

Beshetnikov, N. P. Ways of Increasing the Speed of Oil and Gas Well Drilling in the Ukrainian SOR

Zolotareva, A. I., and Z. F. Grinberg. Utilization of Local Bentonite in Drilling Oil Wells

AVAILABLE: Library of Congress

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11-29-59

307/9-59-4-8/11

; 11 (4)

Glushko, V.V. and Sklyar, V.T.

TITLE:

AUTHORS:

Petroleum in the External Jone of the the carpathian Depression

(Neft vo vneshney zone Fredkarpatskogo progrba)

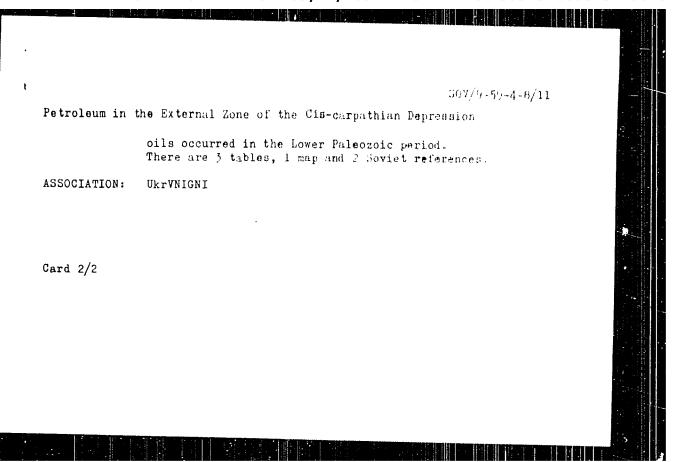
PERIODICAL:

Geologiya nefti i gaza, 1959, Nr 4, pr 49-52 (USSR)

ABSTRACT:

Many geologists believe that gas deposits in the Cis-carpathian Mountains are genetically connected with petroleum c :posits and that they were formed during gas migration from the South-West to the North-East. The author investigates the genetic connection of petroleum from the Karbanovka plateau (North-West part of the Cla- arpathian depression) and the Sudayaya Vinhay clateau (North-West of the Ugerskoye gas deposit), Chemical and physical analyses of samples were carried out by A.D. Zve. ... the L'vov Petroleum Refining Plant Laboratory. Similar physical and chemical properties of the oil samples proved their genetic connection. These oils are very different from oils of other Carpathian deposits. This fact leads to the conclusion that oil deposits of a different type exist in the North-Western part of the Cis-arpathian depression. Geological investigations showed that the origin of Kokhanovka ami Sulayaya Vishaya

Card 1/2



VYALOV, O.S. (SSSR); CLUSHKO, V.V. (SSSR); KUL'CHITSKIY, Ya.O. (SSSR); SLAVIN, V.I. (SSSR)

Stratigraphy of the Eastern Soviet Carpathians. Mat.Karp.-Balk. assots. no.3:5-26 '60. (MIRA 14:12) (Carpathian Mountains—Geology, Stratigraphic)

BUROV, V.S.; GLUSHKO, V.V.

Structure of the bedrock in the external (gas-bearing) sone in the Carpathian Neogene piedmont fault. Geol. nefti i gaza 4 no.9:30-35 S '60. (MIRA 13:8)

1. Ukrainskiy neftyanoy nauchno-issledovatel'skiy institut. (Carpathian Mountain region---Gas, Natural---Geology)

GLUSHNO, V.V. [Blushko, V.V.]; FISHVANOVA, L.S.

Tortonian in the Dobromil' Carpathiang. Bop. AN URSR no.11:
1515-1518 '61. (MRA 16:7)

1. Ukrainskiy nauchno-issledovatel'skiy geologorazvedodnyy
institut. Predstavleno akademikom an UkrasR O.S.Vyalovym.
(Berezov rhgion (Ukraine)...Geology, Stratigraphic)

ARGIRIT, Yu.A.; BLANK, M.I.; BLIZNYUK, V.F.; GIDSHEO, V.W.;
MLITCOMERRO, I.F.; LITVINCV, V.R.; PALIT, A.M.; PARTRIV, A.M.;
PISTRAK, R.M.; CHERPAK, S.Ye.; CHERVINSKATA, M.V.; TARCIBHEO, L.M.

Plan for the areal study of the Dnieper-Donets Lowland, Trudy
VILLEY no.14;3-17 '62.

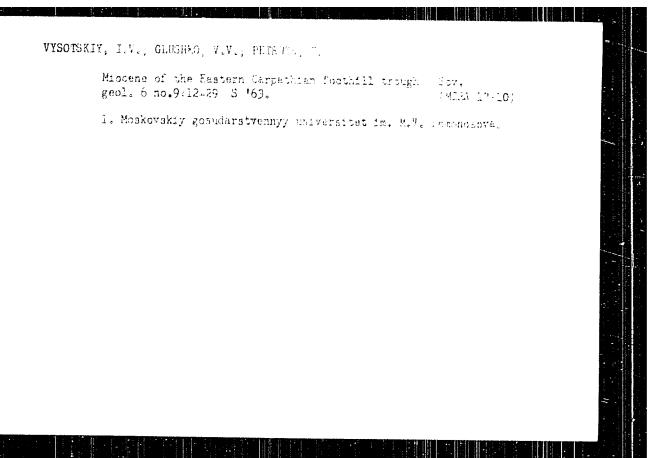
(Dnieper-Donets Lowland---Petroleum goelegy)

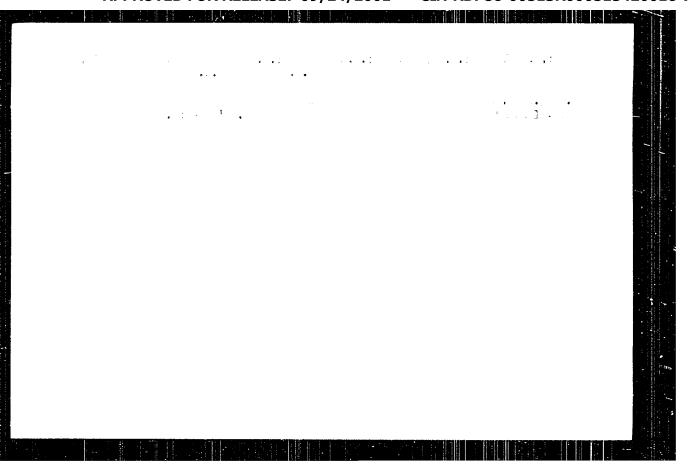
(Dnieper-Donets Lowland---Gas, Hatural---Geology)

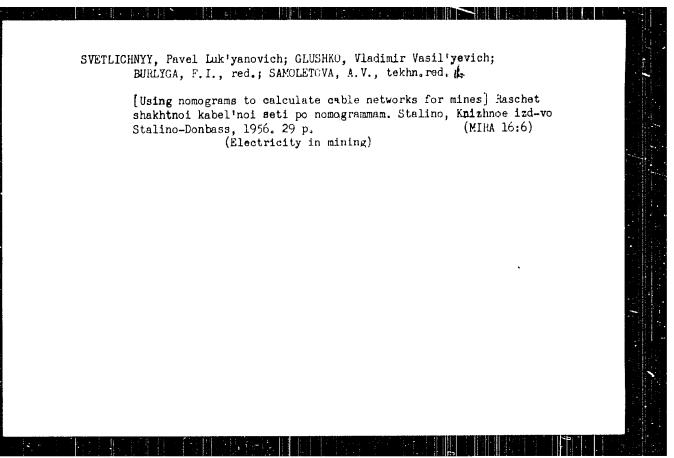
GLUSHKO, Vasiliy Vasil'yevich; KLITOCHENKO, Ivan Filippovich;
KRAMARENKO, Vladimir Nikolayevich; MAKSIMOV, Stepan
Pavlovich; CHIRVINSKAYA, Marina Vladimirovna;
OVCHINNIKOVA, S.V., red.; VORONOVA, V.V., tekkn. red.

[Geology of cil and gas fields in the Ukrainian S.S.R.]
Geologiia neftianykh i gazovykh mestorozhdenii Ukrainskoi SSR. Moskva, Gostoptekhizdat, 1963. 314 p.

(MI A 17:2)

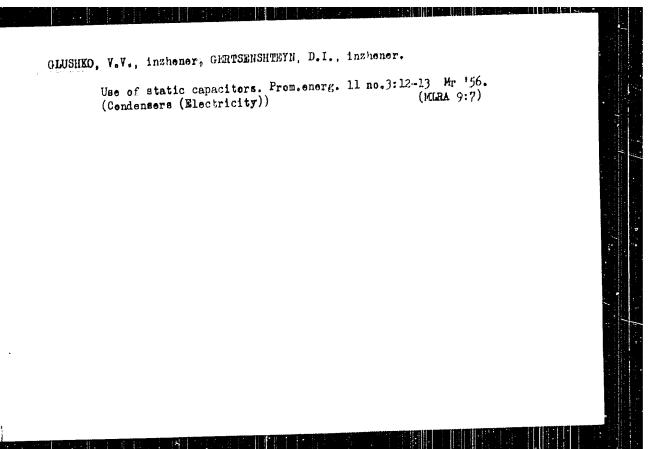


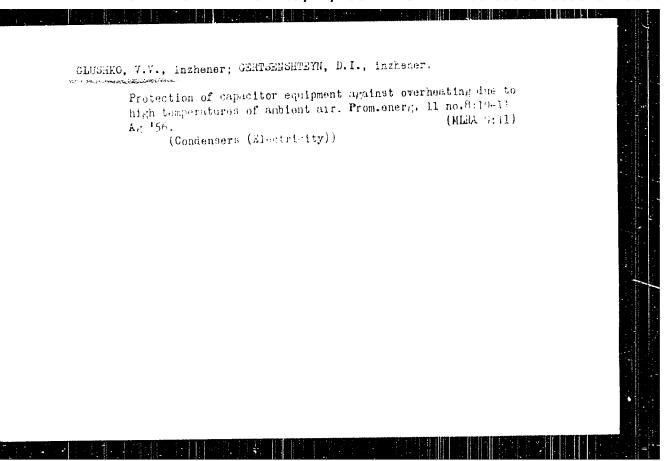


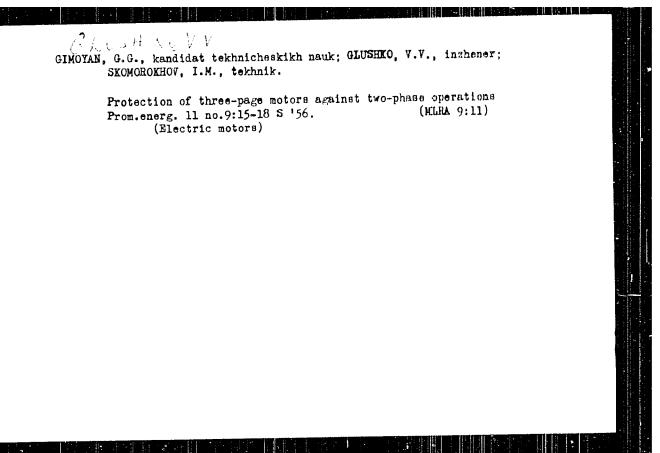


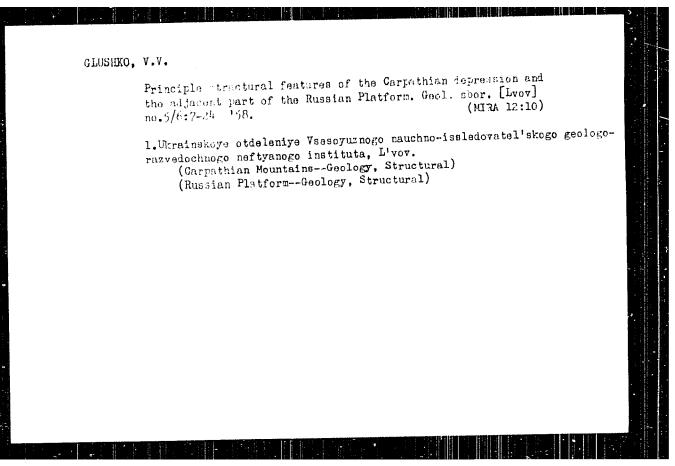
KUDRYASHOV, S.A., inzhener; GLUEHKO, V.V., inzhener; PAVLOV, N.H., kandidat tekhnicheskikh næuk; NAYFEL'D, M.R., inzhener.

Comments on M.R.Naifel'd's article "Grounding portable installations and machinery." Energetik 4 no.9:7-7 S '56. (MIRA 9:10) (Electric engineering-Safety measures)(Electric currents--Grounding)





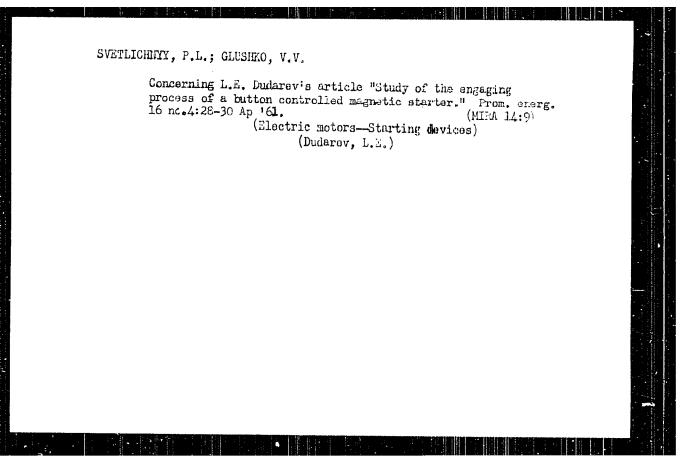




GERTSENSHTETN, D.I., inzh.; GLUSHKO, V.V., inzh.

Using portable electric drille. Bezop.truda v pron. 3 no.1:10-12
Ja '59.

(Boring machinery)



SVETLICHNYY, P.L.; GLUSHKO, V.V.

New system for connecting magnetic starters and contactors, Prom. energ. 16 no.5:42-46 My '61. (MIRA 14:7)

(Electricity in mining)

GLUSHKO, V.V.; GERTSENSHTEYN, D.I.; KAREV, A.P.

AFV\_RU apparatus for protection of electrical networks in mines.
Energ.i elektrotekh.prom. no.4:38-41 0-D '62. (MIRA 16:2)
(Electricity in mining—Safety measures)
(Electric protection)

GLUSHKO, V.V., inzh.; KAREV, A.P., inzh.

Protection device for electric networks in mines. Bezcp.truda v prom. 6 no.6:16-17 Je '62. (MIRA 15:11)

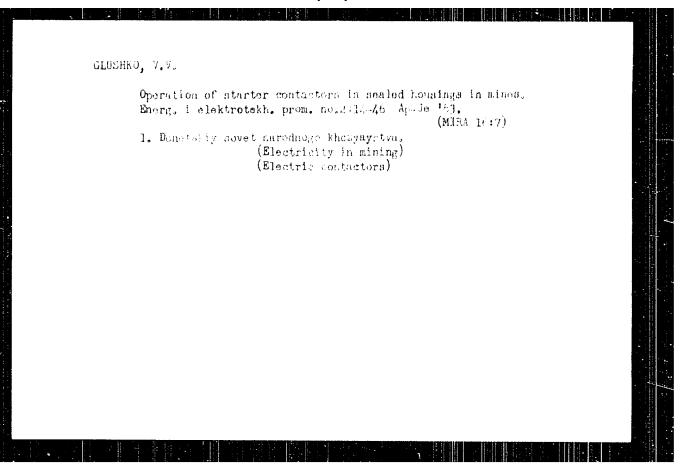
1. Luganskiy institut avtomatiki. (Electricity in mining--Safety measures)

SVETLICHITY, P.I., inzh.: GLNSESS, V.V., insh.

Protection of electric power distribution networks in mines against chart-circuits to ground. Promenerg. 17 no.7136-39 Jl 463.

(Electricity in mining) (Electric protection)

(Electricity in mining) (Electric protection)



GLUSHKO, V.V.; KAREV, A.P.; LEVENETS, V.P.

Noncontact remote control of magnetic starters of mining machinery and mechanisms. Avtom. i prib. no.4:16-17 0-D 163. (MIRA 16:12)

1. Luganskiy filial Instituta avtomatiki Donetskogo soveta narodnogo khozyaystva.

GLUSHKO, V.V., inzh.; UL'SHIN, V.A., inzh.

New means for the automatic control of coal mining machinery and cutterloaders. Izv. vys. ucheb. zav.; gor. zhur. 6 no.10:19-26 163. (MIRA 17:2)

1. Luganskiy filial instituta avtomatiki.

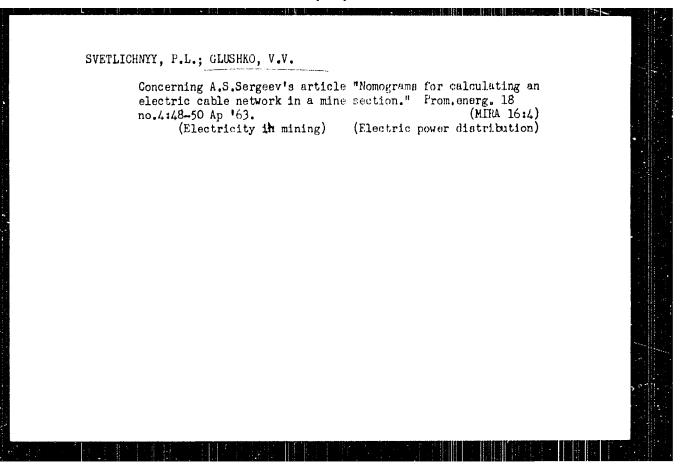
GLUSHKO, V.V., inzh.; KAREV, A.P., inzh.; ZEOZHEVSKIT, I.N., inzh.;

GIETSENSHTEYN, D.I., inzh.

Protection of the insulation of electrical networks in mines.

Prom.energ. 18 no.1:13-17 Ja '63.

(Electricity in mining)



GIUSHKO, V.V. Minzh.

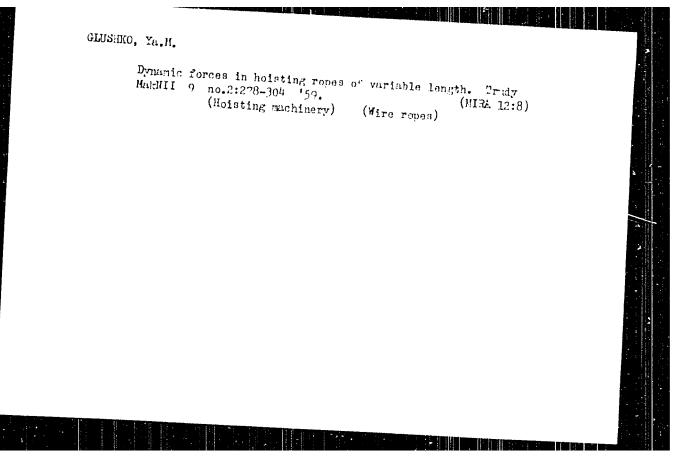
New trend in creating a protective system against shortcircuiting to ground. Izv.vys.ucheb.zav.:gor.zhur. 7 no. 1:140-145 164.

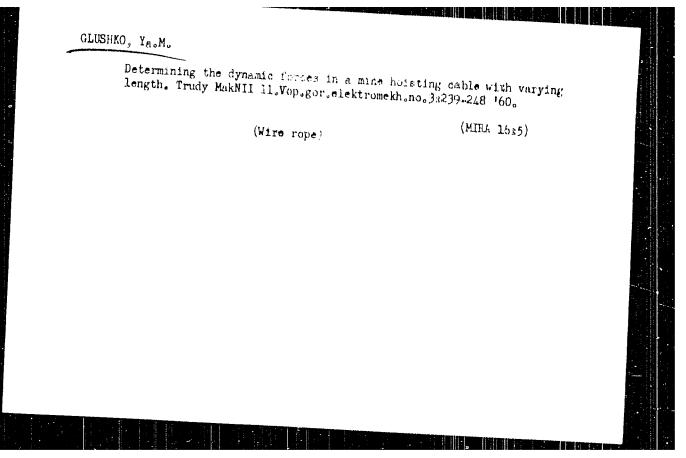
(MIEA 17:5)

1. Luganskiy filial instituta avtematiki. Eekemendevana. kafedroy gornoy elektrotekhniki Sverdlevskogo gornogo instituta.

MAY(t)/MAY(m)/MAY(v)/MAY(t)/MYI L 071:30-67 JD/HM **८८८ अ**तः ALCOBUST E (N)GOUACE CODE: UR/0125/66/000/008/0048/0049 AUTHOR: Becomingingly, U. H. (Seventonel'); Began', V. Ya. (Bevastopel'); Classic, V. Ya. 676: EGlushkol Wallit Hhimner tempyer youry TITLE: A continue is method for but webling stord pipelines Council: Average Liberraya overke, so. d. 1966, ke-19 TOPIC TAGE: Court des welding, pipellne, anden, earben alexise, *gott WEADIMG* ABSTRACT: A new node of a described for both webling steel papelines water produces a ligh-quadity joint with as the une of iterian rings. The first seam is made by man-ual DO arguments related with tipe retuation using an inferible electride in the lower position. The joint of held by helting the mersh at 2 or 3 points. Argon was the Into the place of a test the state rate of the foliate. If theretakes were prevented by underling the restriction of analytics of twenters which is all matters. An A-325 35 menters will be underlined to the proposal seam in a carbon district atmospheric sphere. In making the first seem the rate of argun flow is bugain for welcing and 3-3 t/min for protecting the tack place of the weld. A welding current of 80-139 a chould be used depending on the thickness of the pipe. The rate of carron diexide These for the second foint is only Main with a welding correct of 90-150 a depending on the pipe thickness. The projoced method taken considerably less time than conventional welding methods. Orig. art. mas: I figure, 2 tanger. SUB CODE: 13/ SUBM DATE: 21Ju165/ ORIG REF: 002

Card 1/1





s/044/62/000/007/021/100 0111/0333

AUTHOR:

Glushko, Ya. M.,

TITLE:

14.41.60

One of the methods for the integration of linear systems with

variable coefficients

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1962, 39, abstract 7B193. ("Yopr. gorn. elektromekhan. Mr. 4", M.,

1961, 99-108)

Considered is a system of two linear equations of second order with variable coefficients. These equations appear at the deter-TEXT: mination of the dynamic strain in a lift hoisting rope of variable

length; they have the shape

$$a_{1}^{\varphi} + a_{2}^{\varphi} + a_{3}^{\varphi} + b_{1}^{\varphi} + b_{2}^{\varphi} = 0$$
(1)

$$e_1 = e_2 = e_3 = e_4 = e_4 = e_4 = e_4 = e_4 = e_5 = e_5$$

where a 1,..., a are variable coefficients and where a and i are essentially greater than the other coefficients and, compared with those, Card 1/3

5/044/62/000/007/021/100 0111/0333

have the order  $\frac{1}{2}$ . (A being an arbitrary parameter). The solution is searched with the set-up

$$-\gamma = \beta_1 \cup \gamma_1 = 0 \tag{2}$$

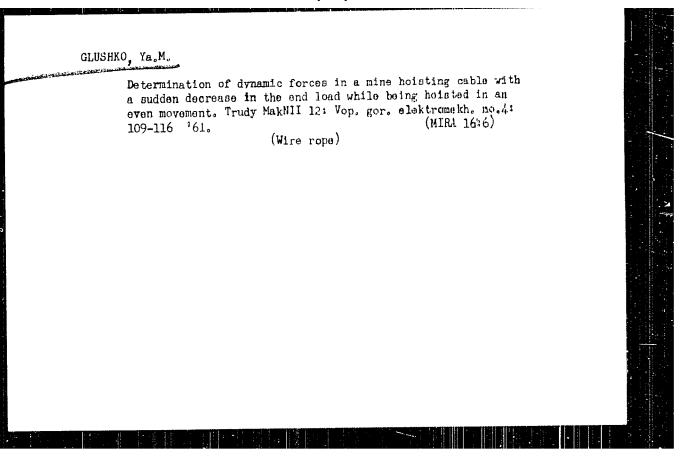
where  $\gamma$  satisfies the equation  $0 = \omega$  and

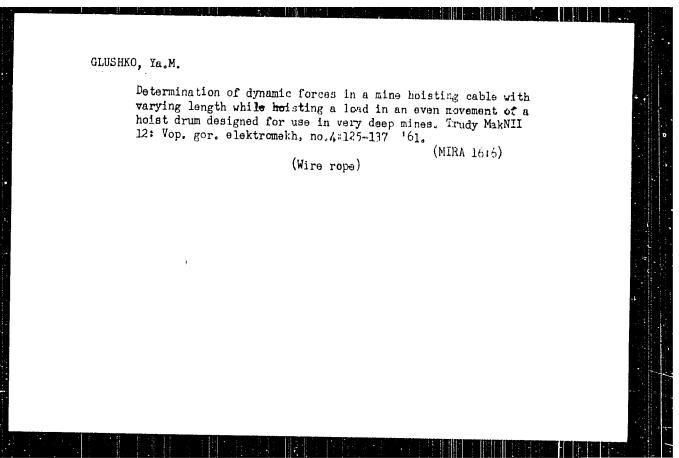
One of the methods for the . . .

$$\sum_{k=0}^{\infty} \frac{k}{k} = 0$$

Equations for the determination of  $B_{1k}$ ,  $R_k$ , as well as expressions for the solution of the equations (1) in the first approximation, are given. Abstractor's note: Complete translation.

Card 2/2





BOYKO, N.; YATSENKO, M.; LIZOGUB, M.; GLUSHKO, Ye.; MARTYNZNKO, II.

In the progressive rural savings banks. Fin. SSSE 21 no.12:68-72 D '60. (MIRA 13:12)

1. Kontroler sberegatel'noy kassy sela Medvezh'ye Talayevskogo rayona (for Boyko). 2. Kontroler sberkassy sela Zhigaylovka (for Yatsenko). 3. Kontroler sberkassy sela Osoyevka Krasnopol'skogo rayona (for Lizogub). 4. Kontroler sberkassy sela Khoruzhevki Nedrigaylovskogo rayona (for Glushko). 5. Kontroler sberkassy Akhtyrskogo rayona No.2833/01 (for Martynenko).

(Savings banks)

GLUSHKO, Nr. 1.

137-58-1-2104

Translation from: Referativnyy zhurnal, Metallurgiva, 1958, Nr 1, p 285 (USSR)

AUTHORS: Belyayeva, V.A., Tarantsova, M.I., Glushko, Ye.I.

TITLE: Electrolytic Segregation of Iron from Titanium

(Elektroliticheskoye otdeleniye zheleza ot titana)

PERIODICAL: Sb. stud. rabot. Rostovsk. un-t, 1957, Nr 3, pp 45-48

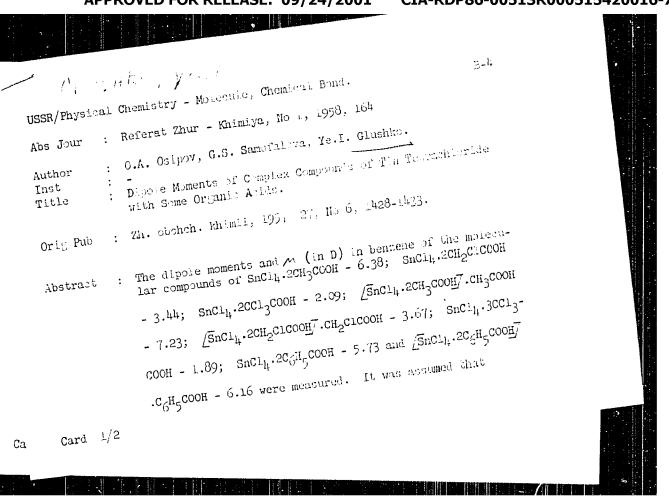
ABSTRACT: An experimental verification of the segregation of Fe from Ti by electrolysis, using an Hg cathode at 2.5-3 amp and 5-6 v in 50-55 min time is presented. An artificial mixture of Fe and Ti containing 0.28-32.77 percent Ti was investigated. To determine the Ti in the Fe-Ti, 0.5 g of the latter is dissolved in 20 cc aqua regia, 2-3 drops of HF being added at the end of the period of solution, subsequent to which 20 cc H<sub>2</sub>SO<sub>4</sub> (1:1) is added; evaporation follows until SO<sub>3</sub> vapors appear. The precipitant coming down under these conditions is dissolved in 5

percent  $H_2SO_4$  and one then proceeds as described above.

1. Iron—Separation 2. Titanium—Separation 3. Electrolysis
Card 1/1 —Applications

# "APPROVED FOR RELEASE: 09/24/2001

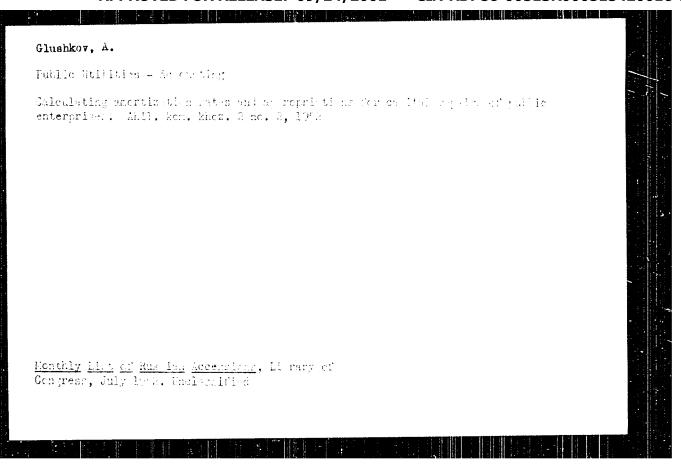
## CIA-RDP86-00513R000515420016-7



ZELENTSOV, V.V.; TRAILINA, Ye.P.; GLUSHKO, Yu.V.; SAVICH, I.A.; SPITSYN, VIKI.I.

Inner-complex uranyl compounds with derivatives of 5-hydroxyquino. ine of the type of Mannich bases. Zhurlneorg.khim. 5 no.5:1663-1065 My '61.

(Uranyl compounds)



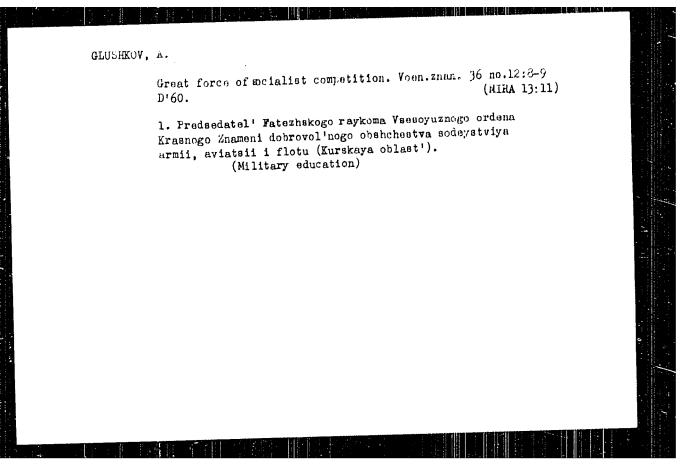
GLUSHKOV, A.

Municipal Engineering

Reserve canacity of plants manufacturing municipal supplies. Thil. -kom. khoz. 2
no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress. August 1952, Uncl.

l.	GLUSHKOV, A.
2.	USSR (600)
/ + •	Construction Industry - Accounting
7.	Timely and quality compilation of annual accounting records. Abilkom. khoz. 3, no. 1, 1963.
	Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.
	Monthly List of Russian Accessions, Library of Congress,



#### CIA-RDP86-00513R000515420016-7

